

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International publication date

2 December 2004 (02.12.2004)

(10) International publication number

WO 2004/103476 A1

(51) International patent classification⁷:

A62B 18/02, 18/08, 23/02

(74) **Representatives:** BURBAUD, Eric etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(21) International application number: PCT/FR2004/001195

PCT/FR2004/001195

(81) **Designated states** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International filing date:

French

(26) Language of publication:

French

(30) Data relating to the priority:

Data relating to the priority:

FR

(71) **Applicant (for all designated States except US):**
INTERTECHNIQUE [FR/FR]; 61, rue Pierre Curie, F-78373
Plaisir Cedex (FR).

(84) Designated states (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventor; and

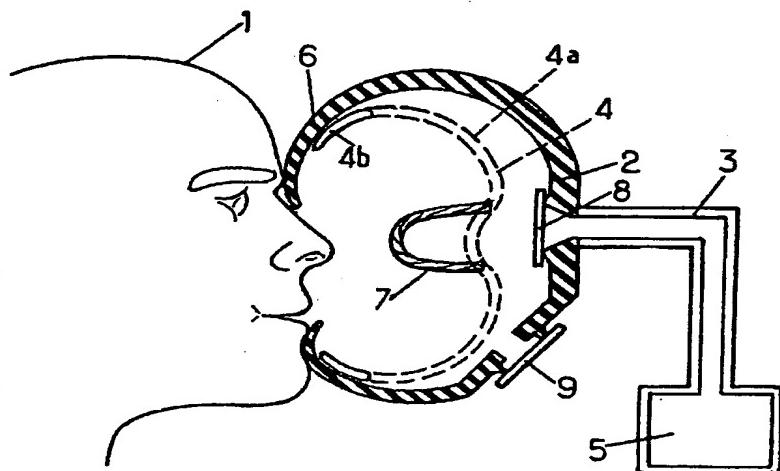
(75) Inventor/Applicant (US only): SCHERGERIN, Robert [FR/FR]; Boîte postale 20, F-78142 Vélizy Cedex (FR).

[continued on next page]

As printed

(54) Title: RESPIRATOR MASK WITH HYGIENIC PROTECTION

(54) Titre : MASQUE RESPIRATOIRE A PROTECTION HYGIENIQUE



WO 2004/103476 A1

(57) **Abstract:** The invention relates to a respirator mask with hygienic protection. More specifically, the invention relates to a respirator face mask (2) which provides physiological protection, comprising: an oronasal face piece (10), a semi-flexible lip element (6) which is used to position the oronasal face piece (10) on the user's face (1), and hygienic protection means (4) which are removably-positioned at least partially inside the mask (2). The aforementioned removable protection means (4) comprise (i) a first part (4a) which provides hygienic protection and (ii) a second part (4b) which maintains the hygienic protection means (4) inside the mask (2), said second part (4b) co-operating elastically with the above-mentioned semi-flexible lip element (6) or the face piece (10).